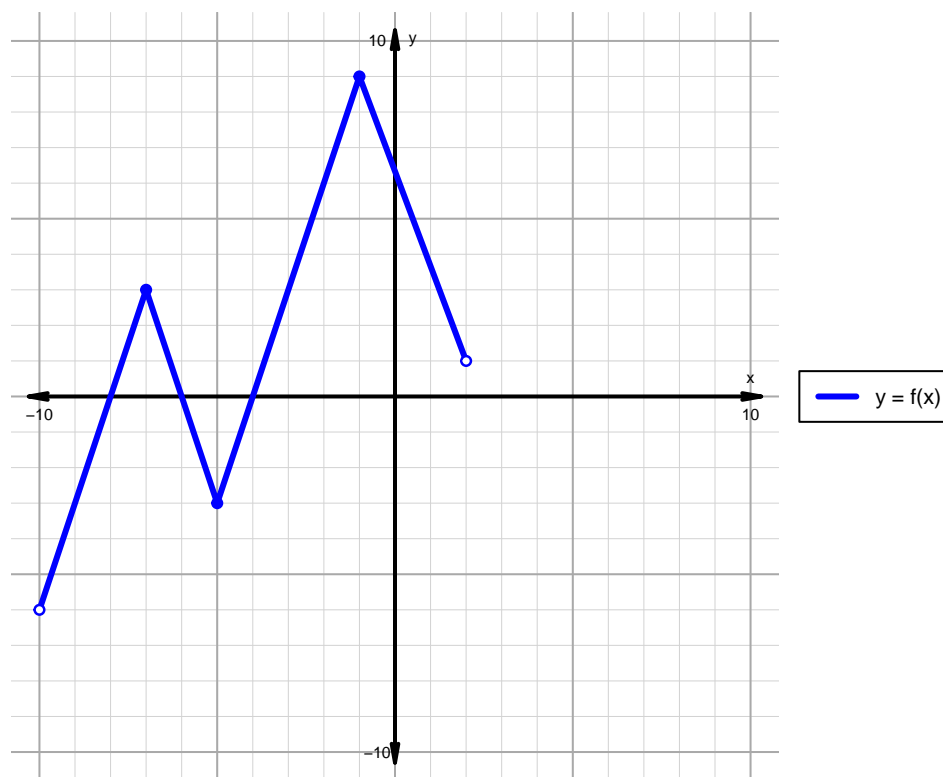


Name: _____

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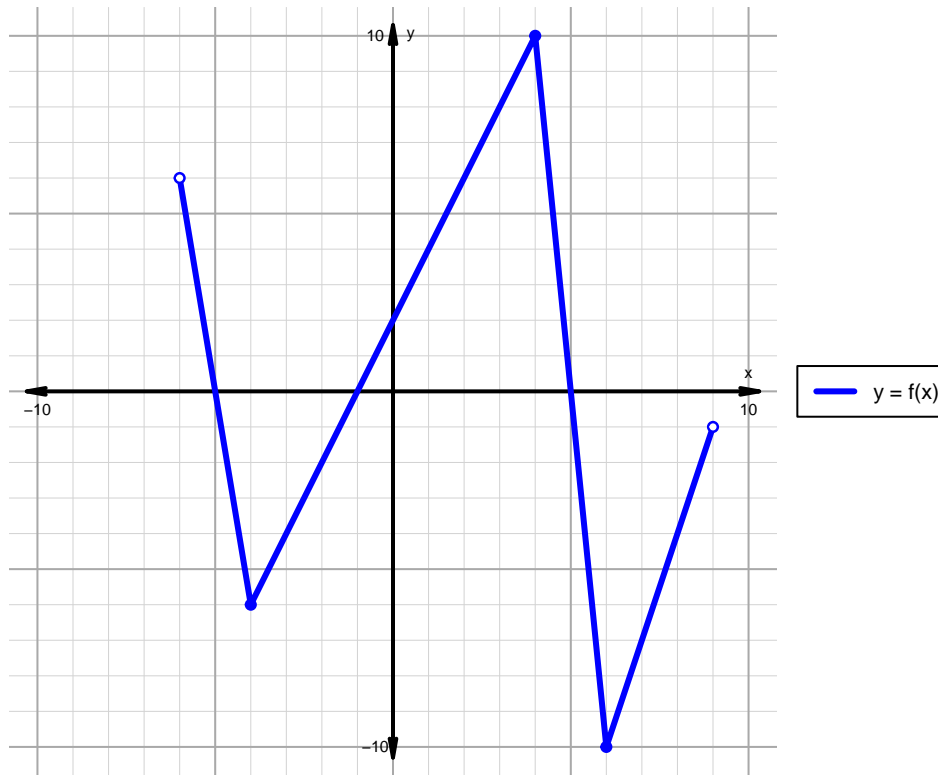
Function-Feature Intervals (version 7)1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-8, -6) \cup (-4, 2)$
Negative	$(-10, -8) \cup (-6, -4)$
Increasing	$(-10, -7) \cup (-5, -1)$
Decreasing	$(-7, -5) \cup (-1, 2)$
Domain	$(-10, 2)$
Range	$(-6, 9)$

Function-Feature Intervals (version 7)

2. The function f is graphed below.



Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-6, -5) \cup (-1, 5)$
Negative	$(-5, -1) \cup (5, 9)$
Increasing	$(-4, 4) \cup (6, 9)$
Decreasing	$(-6, -4) \cup (4, 6)$
Domain	$(-6, 9)$
Range	$(-10, 10)$